

10/584109

Attorney's Docket No.: 20381-003US1 / PCT04TL2

AP3 Rec'd PCT/PTO 22 JUN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kenichiro Kosai et al. Art Unit : Unknown
Serial No. : To Be Assigned Examiner : Unknown
Filed : Herewith
Title : DRUG FOR PREVENTING OR TREATING HEART DISEASES COMPRISING CD9
GENE

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INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the documents listed on the enclosed PTO-1449 form. Also enclosed is a search report issued in the corresponding International Application PCT/JP2004/019774.

Note that to meet the requirement for providing "a concise explanation of the relevance" of all references not in English, one may provide an English-language version of a search report in which the relevance of the cited references is indicated. See the Manual of Patent Examining Procedure, Section 609 A(3). An English translation of foreign language document ABB is not provided, as the above-mentioned search report is in English.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 6-22-06

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	Applicant Kenichiro Kosai et al.		
	Filing Date Herewith	Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
	AJ							
	AK							
	AL							
	AM							
	AN	0						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AO	Berditchovski, F., "Complexes of Tetraspanins with Integrins: More than Meets the Eye", <i>Journal of Cell Science</i> , Vol. 114, pp. 4143-4151, 2001.
	AP	Dominguez-Jimenez, C. et al., "Involvement of $\alpha 3$ Integrin/Tetraspanin Complexes in the Angiogenic Response Induced by Angiotensin II", <i>FASEB Journal</i> , Vol 15, pp. 1457-1459, 2001.
	AQ	Hashida, H. et al., "Clinical Significance of Transmembrane 4 Superfamily in Colon Cancer", <i>British journal of Cancer</i> , Vol. 89, pp. 158-167, 2003
	AR	Higashiyama, S. et al., "The Membrane Protein CD9/DRAP 27 Potentiates the Juxtacrine Growth Factor Activity of the Membrane-anchored Heparin-binding EGF-like Growth Factor", <i>The journal of Cell Biology</i> , Vol. 128, pp. 929-938, 1995.
	AS	Iwamoto, R and Mekada E., "Heparin-binding EGF-like Growth Factor: A Juxtacrine Growth Factor", <i>Cytokine & Growth Factor Reviews</i> , Vol. 11, pp. 335-344, 2000.

Examiner Signature	Date Considered
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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 20381-003US1	Application No. To Be Assigned
	Applicant Kenichiro Kosai et al.			
	Filing Date Herewith		Group Art Unit	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AT	Iwamoto, R. et al., "Heparin-binding EGF-like Growth Factor and ErbB Signaling is Essential for Heart Function", <i>PNAS</i> , Vol. 100, No. 6, pp. 3221-3226, 2003.
	AU	Jennings, L. K. et al., "The Activation of Human Platelets Mediated by Anti-human Platelet p24/CD9 Monoclonal Antibodies", <i>The Journal of Biological Chemistry</i> , Vol. 265, No. 7, pp. 3815-3822, 1990.
	AV	Kirkland, G. et al., "Heparin-Binding EGF-Like Growth Factor mRNA Is Upregulated in the Peri-Infarct Region of the Remnant Kidney Model: <i>In Vitro</i> Evidence Suggests a Regulatory Role in Myofibroblast Transformation", <i>Journal of the American Society of Nephrology</i> , Vol. 9, pp. 1464-1473, 1998.
	AW	Klein-Soyer, C. et al. "CD9 Participates in Endothelial Cell Migration During In Vitro Wound Repair", <i>Arterioscler. Thromb. Vasc Biol.</i> , Vol. 20, pp. 360-369, 2000.
	AX	Maecker, H. T. et al., "The Tetraspanin Superfamily: Molecular Facilitators", <i>The FASEB Journal</i> , Vol. 11, pp. 428-442, 1997.
	AY	Masellis-Smith, A. et Al., "Anti-CD9 Monoclonal Antibodies Induce Homotypic Adhesion of PRE-B Cell Lines by A Novel Mechanism", <i>The Journal of Immunology</i> , Vol. 144, No. 5, pp. 1607-1613, 1990.
	AZ	Miyado, K. et al., "Requirements of CD9 on the Egg Plasma Membrane for fertilization", <i>Science</i> , vol. 287, pp. 321-324, 2000.
	AAA	Miyagawa, J.-i. et al., "Localization of Heparin-binding EGF-like Growth Factor in the Smooth Muscle Cells and Macrophages of Human Atherosclerotic Plaques", <i>J. Clin. Invest.</i> , Vol. 95, pp. 404-411, 1995.
	ABB	Morimoto, C. et al., "Epidermal Growth Factor: EGF (Heparin-binding EGF-like Growth Factor: HB-EGF)", <i>Clinical Endocrinology</i> , Vol. 51, No. 12, 1137-1143, 2003.
	ACC	Nakagawa, T. et al., "Amino-terminal Processing of Cell Surface Heparin-binding Epidermal Growth Factor-like Growth Factor Up-regulates Its Juxtacrine but Not its Paracrine Growth Factor Activity", <i>The Journal of Biological Chemistry</i> , Vol. 271, No. 48, pp. 30858-30863, 1996.
	ADD	Nakamura, K. et al., "Importance of the Major Extracellular Domain of CD9 and the Epidermal Growth Factor (EGF)-like Domain of Heparin-binding EGF-like Growth Factor for Up-regulation of Binding and Activity", <i>The Journal of Biological Chemistry</i> , Vol. 275, No. 24, pp. 18284-18290, 2000.
	AEE	Nakamura, Y. et al., "Immunohistochemical Distribution of CD9, Heparin Binding Epidermal Growth Factor-like Growth Factor, and Integrin $\alpha\beta 1$ in Normal Human Tissues", <i>The Journal of Histochemistry & Cytochemistry</i> , Vol. 49, No. 4, pp. 439-444, 2001.
	AFF	Nakata, A. et al., "Localization of Heparin-Binding Epidermal Growth Factor-Like Growth Factor in Human Coronary Arteries", <i>Circulation</i> , vol. 94, pp. 2778-2786, 1996.
	AGG	Nishida, M. et al., "Localization of CD9, an Enhancer Protein for Proheparin-Binding Epidermal Growth Factor-Like Growth Factor, in Human Atherosclerotic Plaques", <i>Arterioscler Thromb Vasc Biol.</i> , Vol 20, pp. 1236-1243, 2000.
	AHH	Takemura, T. et al., "Coexpression of CD9 Augments the Ability of Membrane-bound Heparin-binding Epidermal Growth Factor-like Growth Factor (pro HB-EGF) to Preserve Renal Epithelial Cell Viability", <i>Kidney International</i> , Vol. 55, pp. 71-81, 1999.

Examiner Signature	Date Considered
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